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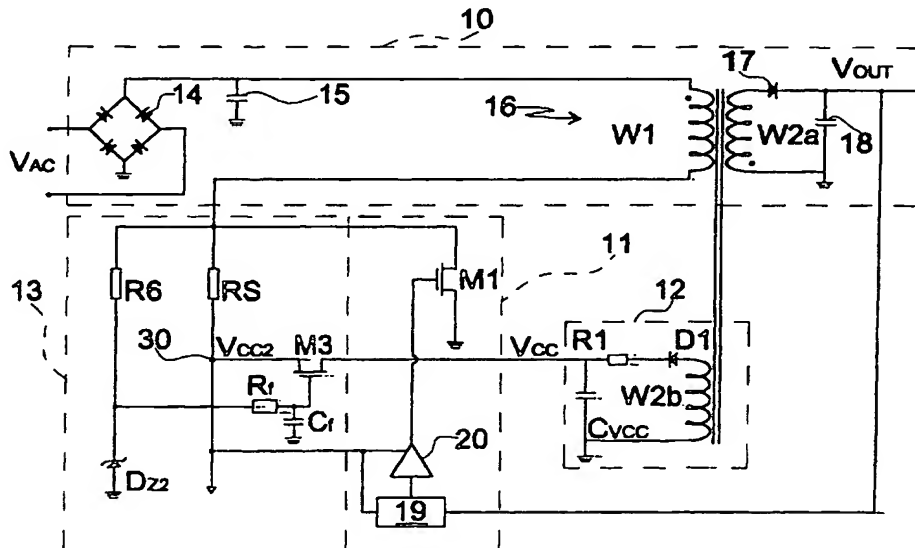
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(54) Title: BOOTSTRAP CIRCUIT FOR SWITCHING POWER SUPPLIES



(57) Abstract: The present invention refers to a starting circuit for switching power supplies (SMPS), to a switching power supply comprising a starting circuit and an integrated circuit of a switching power supply. In an embodiment thereof the starting circuit (13) for switching power supplies having a first supply voltage ( $V_{in}$ ) coming from a first terminal and a second supply voltage ( $V_{cc}$ ) coming from a second terminal and a third terminal (30); said starting circuit comprises: a first current path between said first terminal and said third terminal (30); a second current path between said first terminal and said second terminal; a third current path between said second terminal and said third terminal (30); a two-way voltage regulator (M3, Dz2, R5, R6) placed along said second current path.